

## Abstract

A flyback type alternation power supply includes a voltage transformer, a primary switching unit, a secondary switching unit and an insulating unit.

5   Wherein, the primary switching unit consists of at least a first switching component and a first control circuit. Further, the secondary switching unit consists of at least a second switching component and a second control circuit. The first control circuit controls the insulating unit to output a cut-off signal to the second control circuit. After receiving the cut-off signal, the second control  
10   circuit commands the second switching component to enter a cut-off state. By doing this, the first control circuit could control time of sending cut-off signal to the second switching component. Hence, the second switching unit could enter cut-off state before or at the time when secondary current descent to zero, and allow the present invention to operate in continuous or non-continuous  
15   mode.